Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077105.D
Acq On : 28 Jan 2015 16:55
Operator : TP/IZ
Sample : G1138-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275B3DL

Quant Time: Jan 28 17:58:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 16:07:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	28386	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	117681	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	56308	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	102377	20.00	ng		-0.01
75) Chrysene-d12	21.10	240	96599	20.00	ng		-0.01
86) Perylene-d12	22.76	264	91936	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.77	112	12696	7.35	ng		0.02
7) Phenol-d6	7.14	99	16323	7.49	ng		0.00
23) Nitrobenzene-d5	9.02	82	10663	5.02	ng		-0.01
41) 2,4,6-Tribromophenol	16.48	330	2828	6.19	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	21640	5.85	ng		-0.01
78) Terphenyl-d14	19.83	244	18949	4.52	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.68	128	84255	13.91	ng		97
37) 2-Methylnaphthalene	12.33	142	194515	47.01	ng		95
51) Acenaphthene	14.83	154	7087	2.16	ng	#	88
57) Fluorene	16.00	166	16866	4.16	ng	#	97
70) Phenanthrene	17.63	178	54076	8.47	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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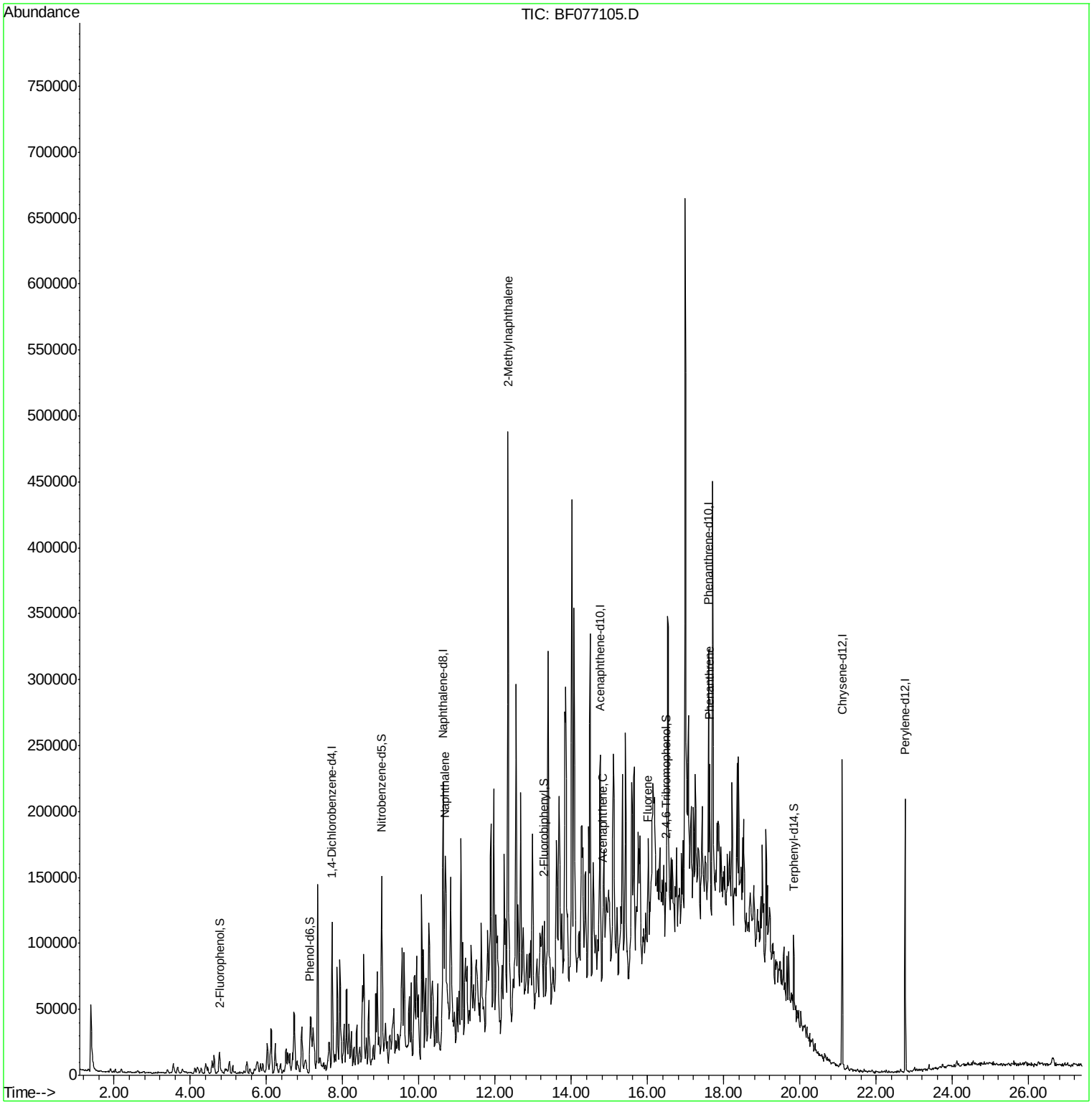
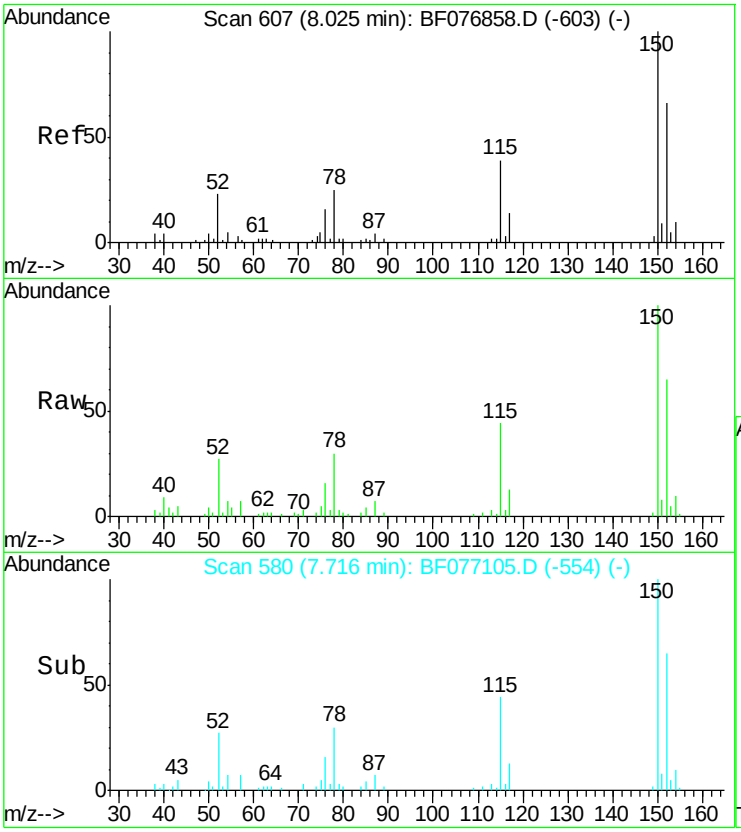


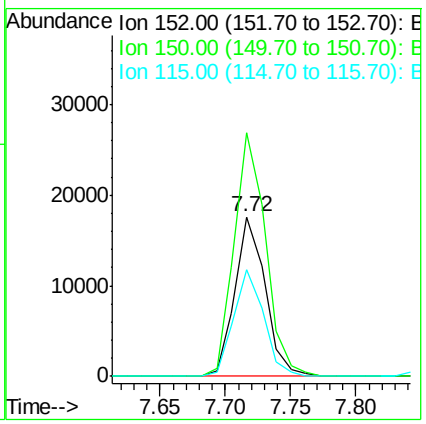


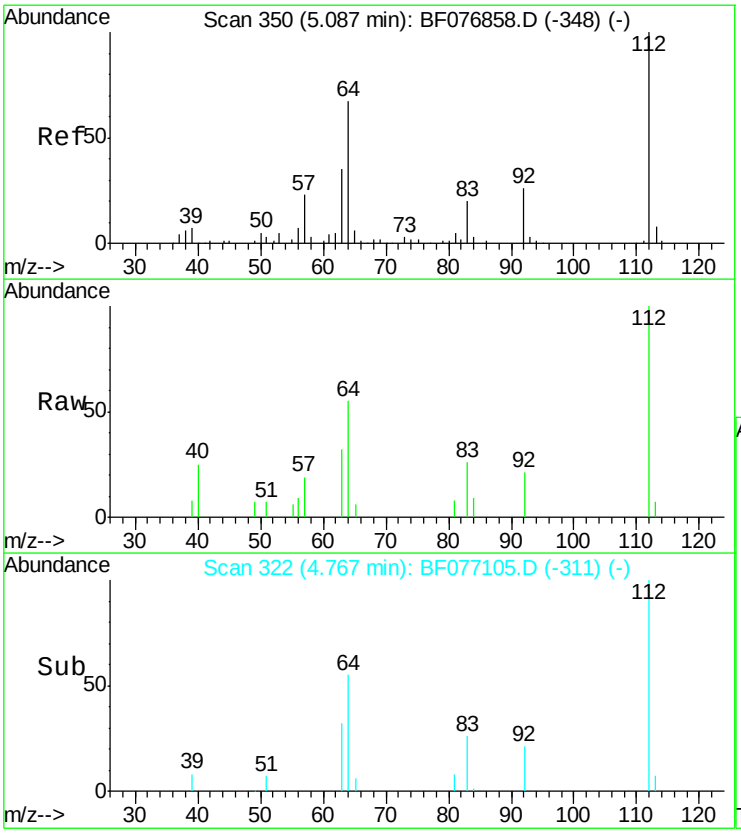
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion:152 Resp: 28386

Ion	Ratio	Lower	Upper
152	100		
150	152.7	121.7	182.5
115	66.8	47.0	70.6

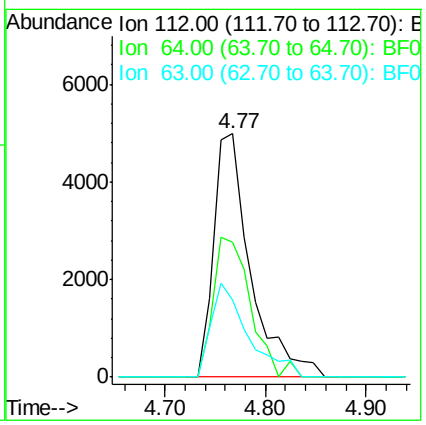


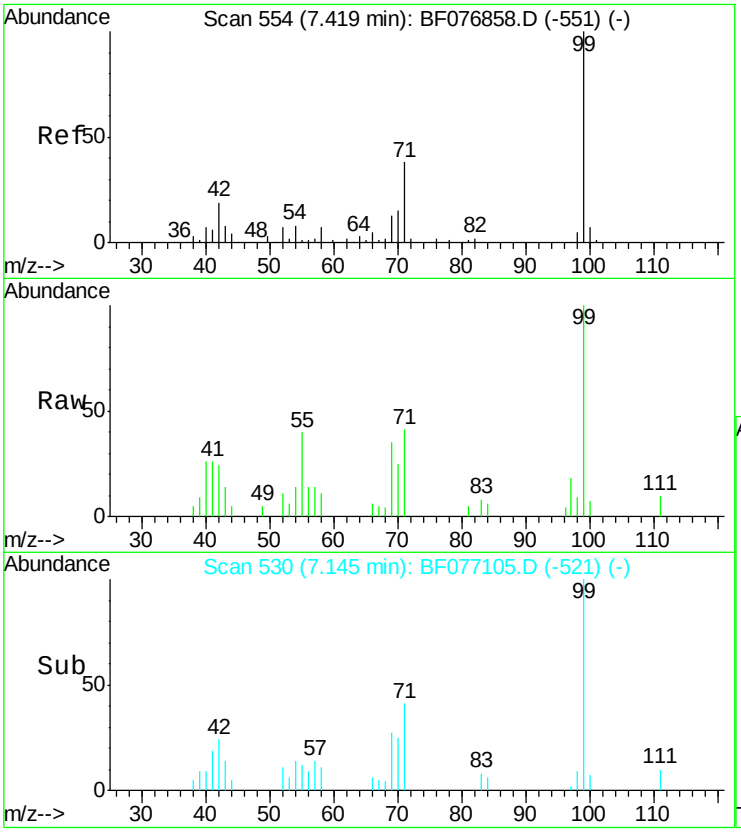


#5
2-Fluorophenol
Concen: 7.35 ng
RT: 4.77 min Scan# 322
Delta R.T. 0.02 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:112 Resp: 12696

Ion	Ratio	Lower	Upper
112	100		
64	55.3	54.2	81.4
63	32.0	28.4	42.6



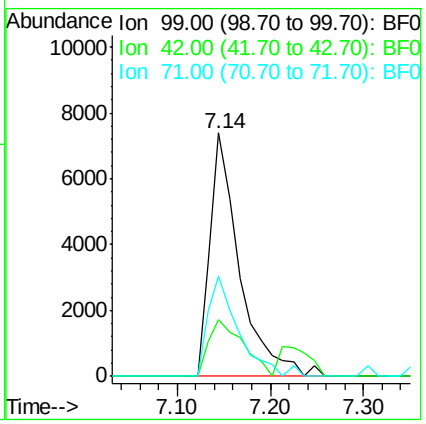


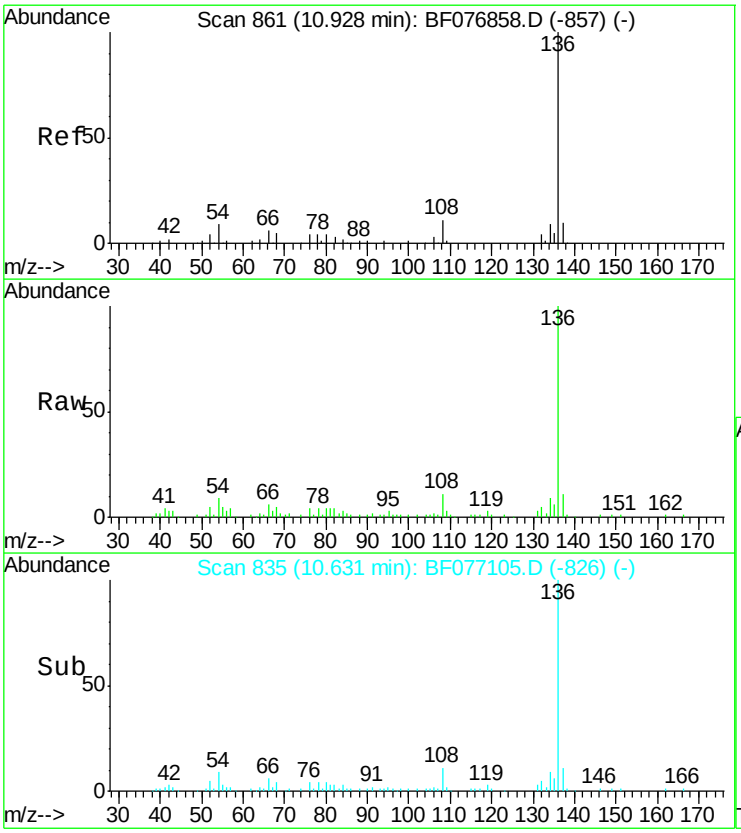
#7
Phenol-d6
Concen: 7.49 ng
RT: 7.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion: 99 Resp: 16323

Ion	Ratio	Lower	Upper
99	100		
42	23.6	15.0	22.4#
71	41.1	30.5	45.7

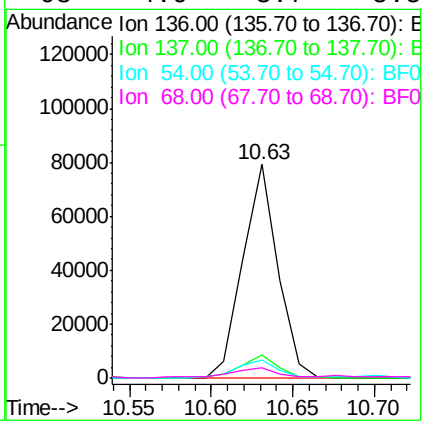


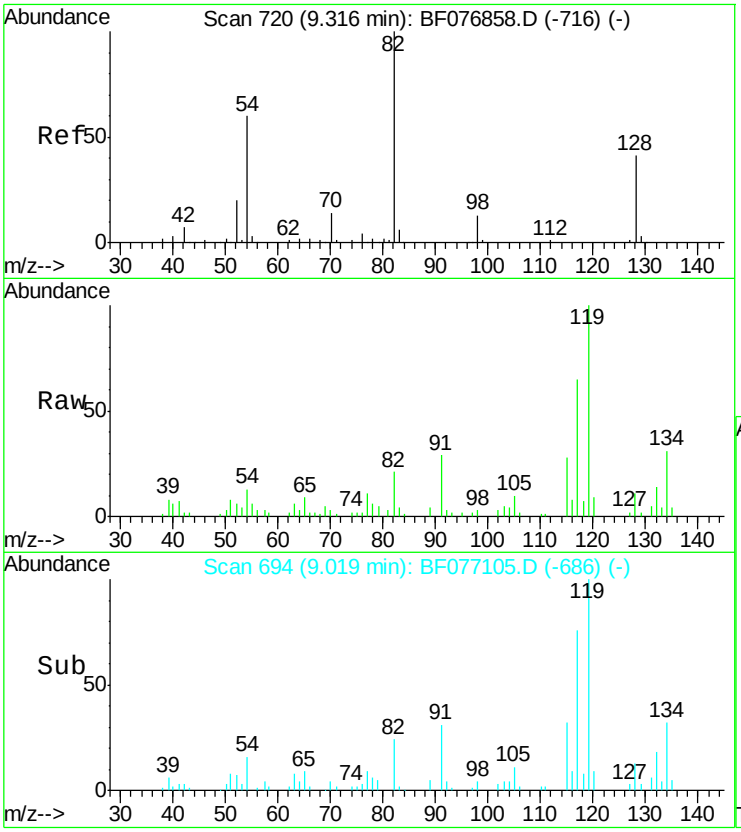


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.63 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:136 Resp: 117681

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.1	12.1
54	8.6	7.0	10.4
68	4.9	3.7	5.5



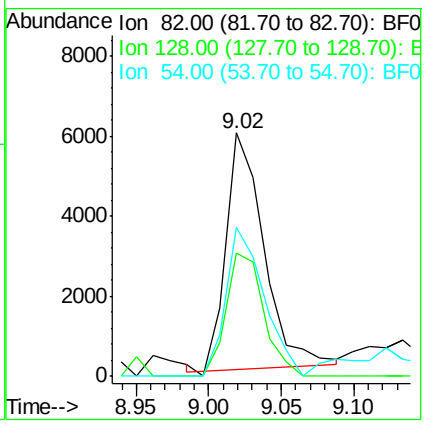


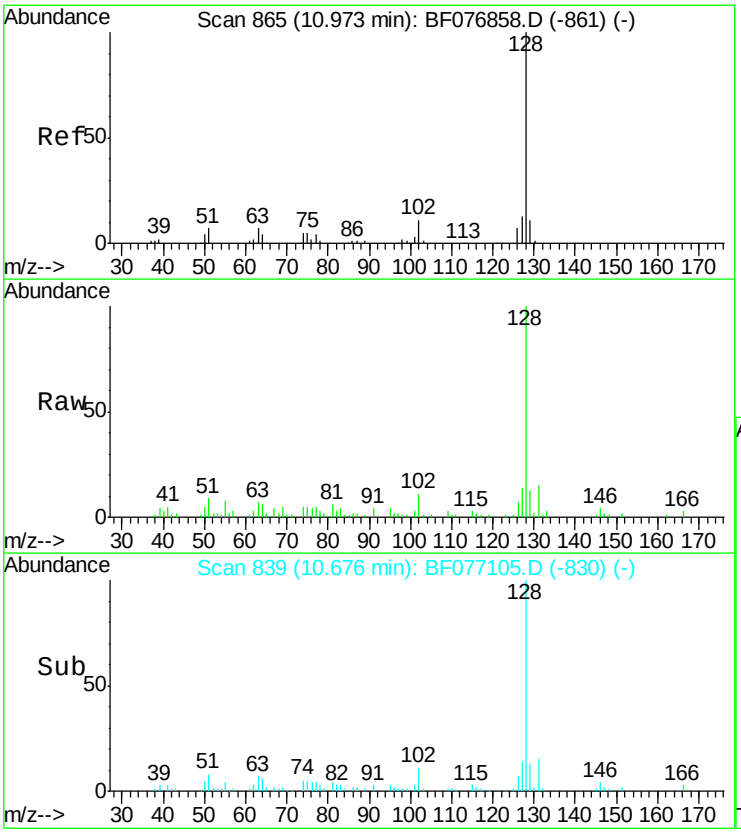
#23
Nitrobenzene-d5
Concen: 5.02 ng
RT: 9.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion: 82 Resp: 10663

Ion	Ratio	Lower	Upper
82	100		
128	50.7	33.1	49.7#
54	61.1	48.3	72.5

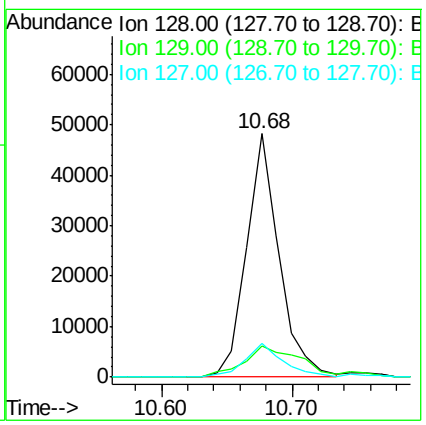


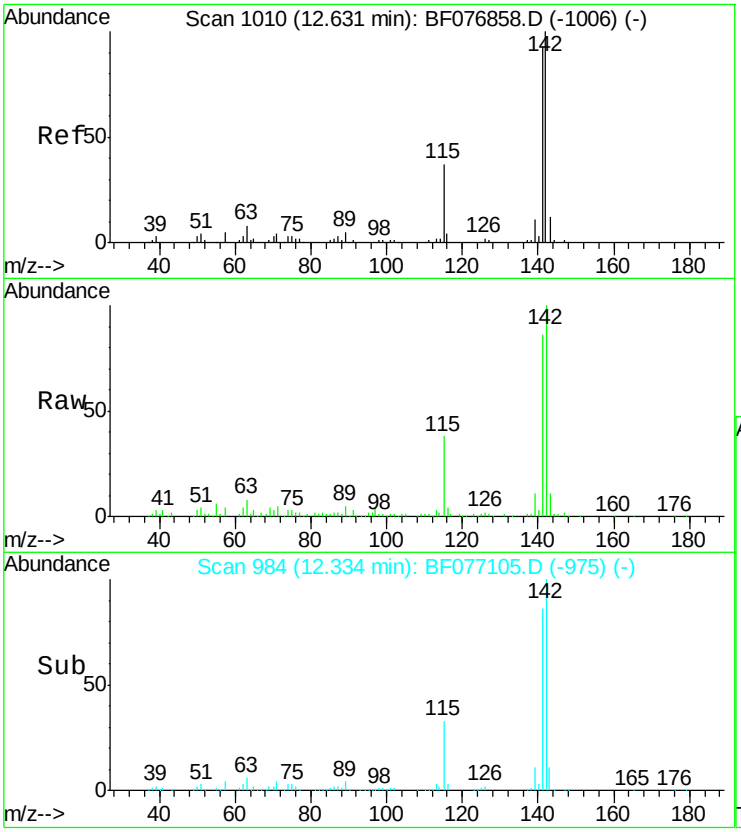


#31
Naphthalene
Concen: 13.91 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:128 Resp: 84255

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.0	13.6
127	14.0	10.2	15.2



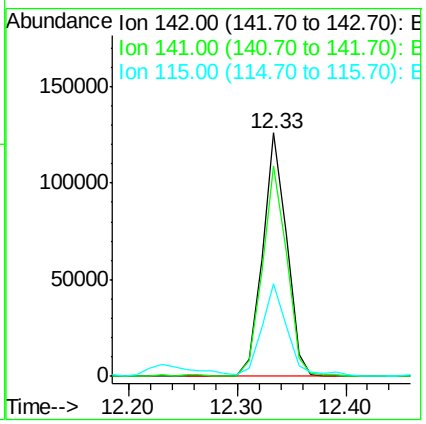


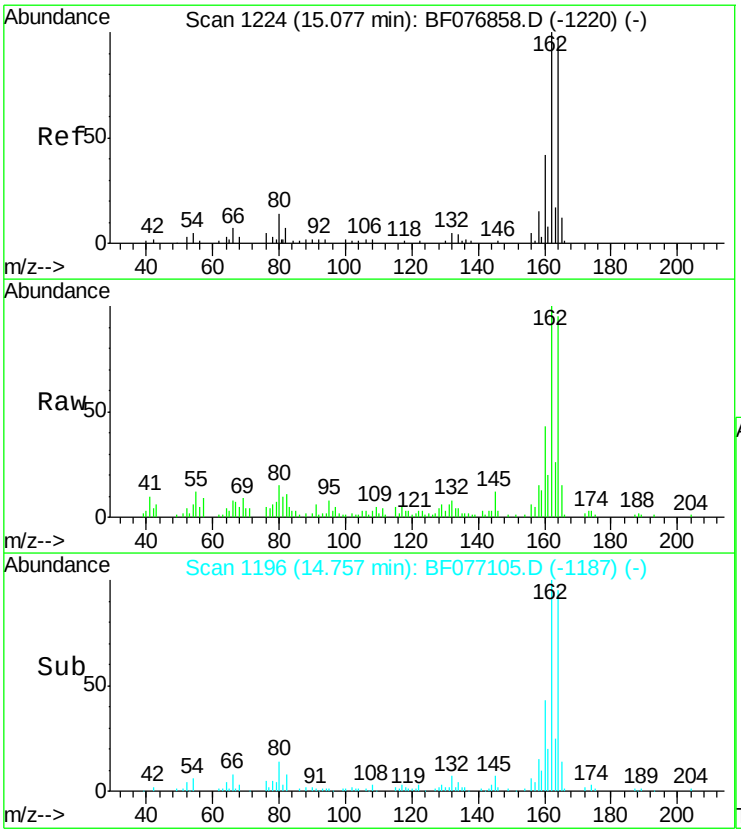
#37
2-Methylnaphthalene
Concen: 47.01 ng
RT: 12.33 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion:142 Resp: 194515

Ion	Ratio	Lower	Upper
142	100		
141	86.3	74.5	111.7
115	37.8	29.7	44.5

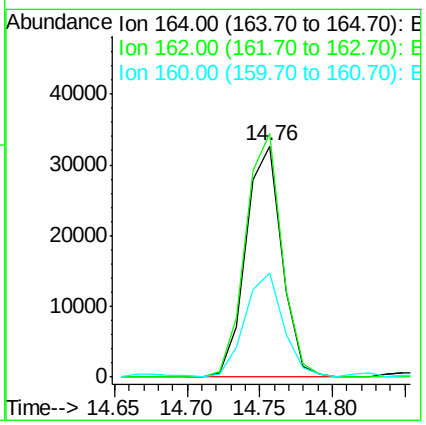


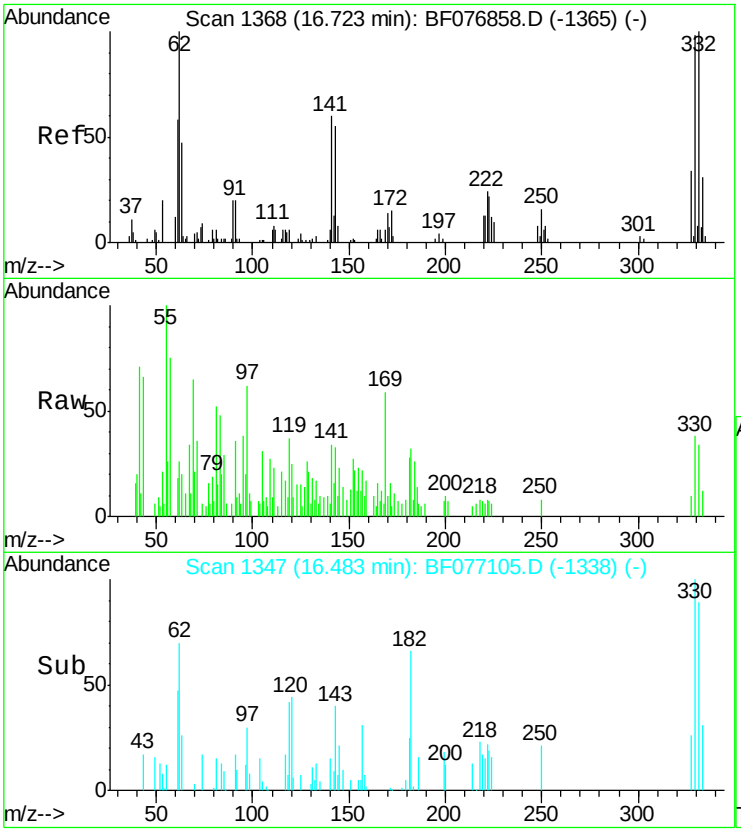


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:164 Resp: 56308

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.4	123.6
160	45.2	34.8	52.2



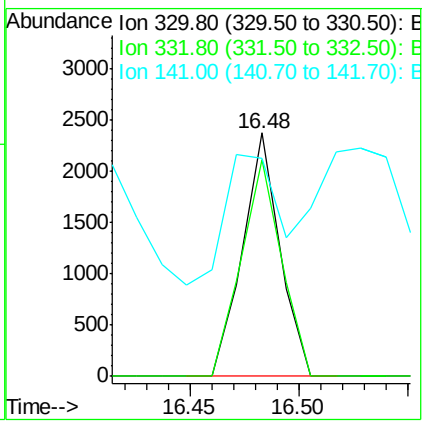


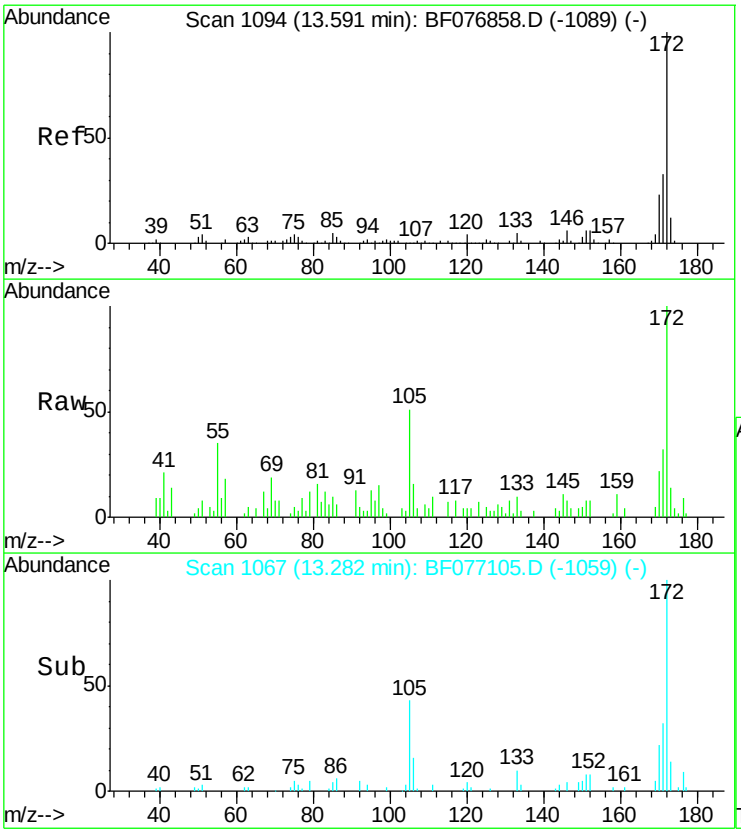
#41
2,4,6-Tribromophenol
Concen: 6.19 ng
RT: 16.48 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion:330 Resp: 2828

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.6
141	75.4	38.5	57.7#

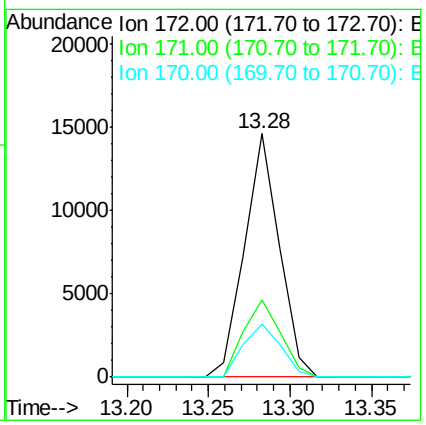


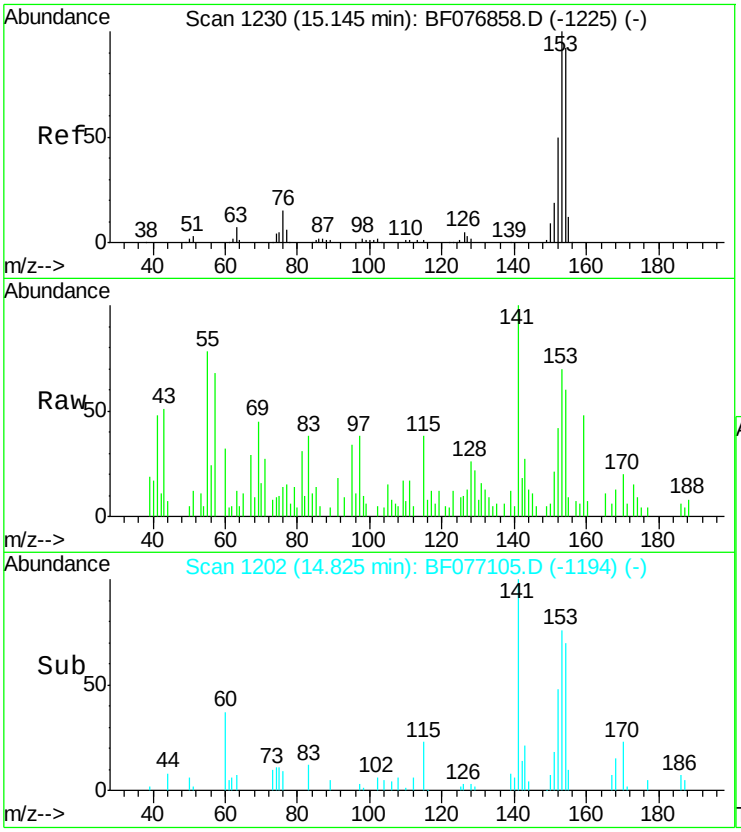


#44
2-Fluorobiphenyl
Concen: 5.85 ng
RT: 13.28 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:172 Resp: 21640

Ion	Ratio	Lower	Upper
172	100		
171	31.8	26.6	40.0
170	21.5	18.0	27.0



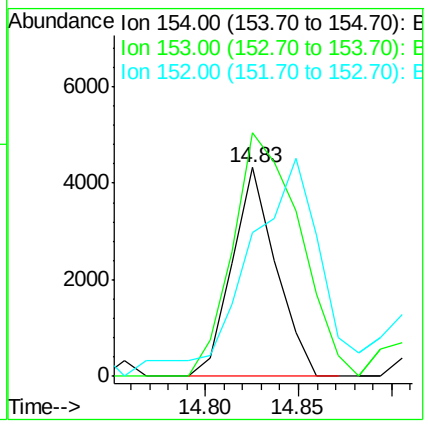


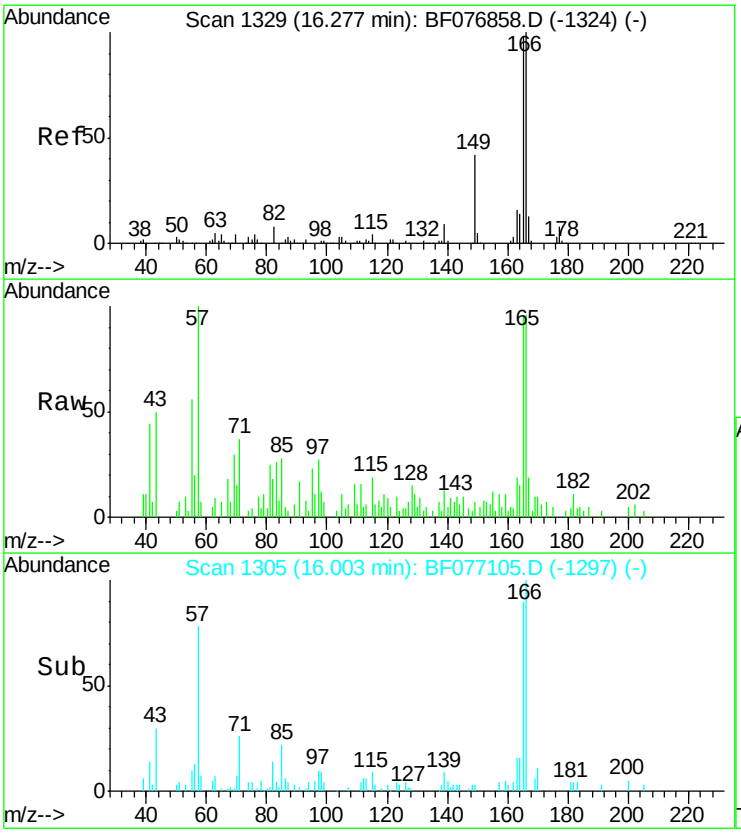
#51
Acenaphthene
Concen: 2.16 ng
RT: 14.83 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion:154 Resp: 7087

Ion	Ratio	Lower	Upper
154	100		
153	116.8	87.0	130.6
152	69.1	43.5	65.3#

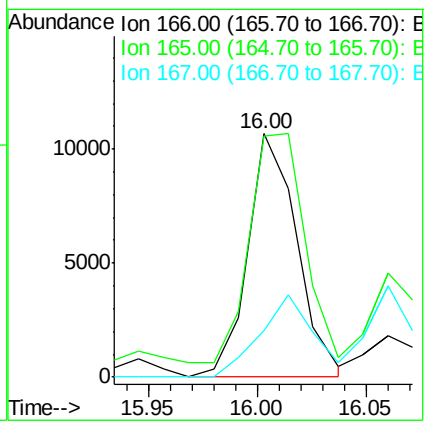


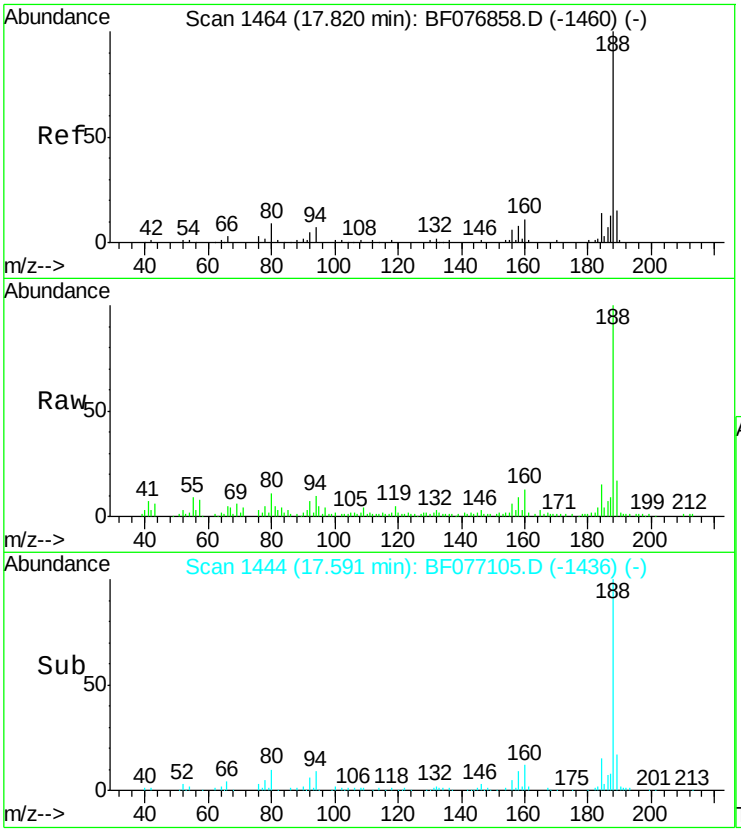


#57
Fluorene
Concen: 4.16 ng
RT: 16.00 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:166 Resp: 16866

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.5	117.7
167	19.4	10.4	15.6#



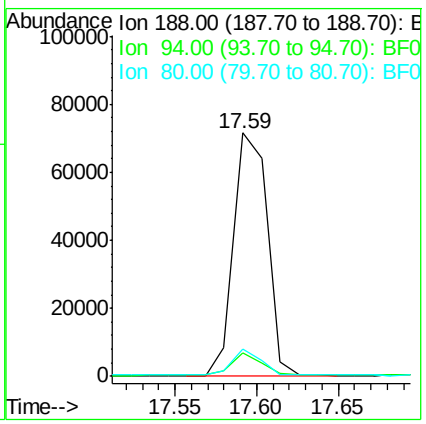


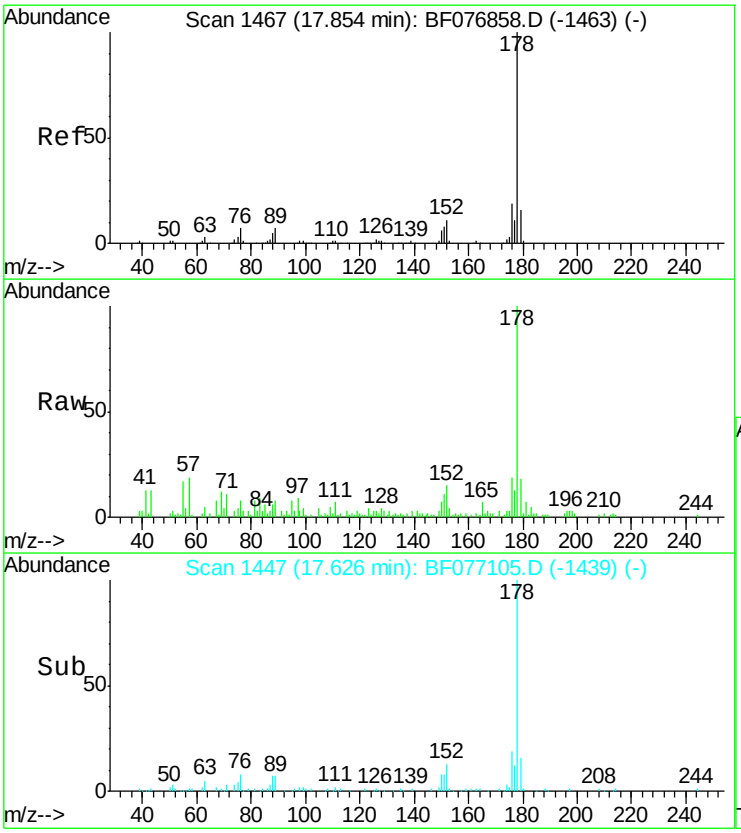
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion:188 Resp: 102377

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.0	9.0#
80	11.0	6.9	10.3#

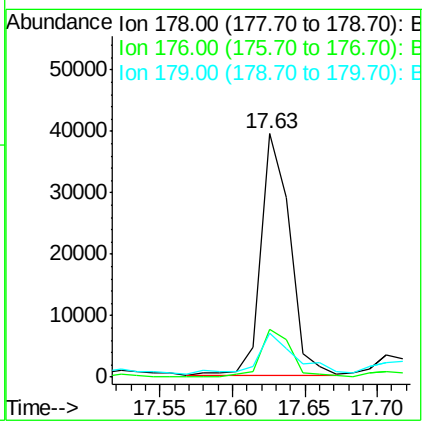


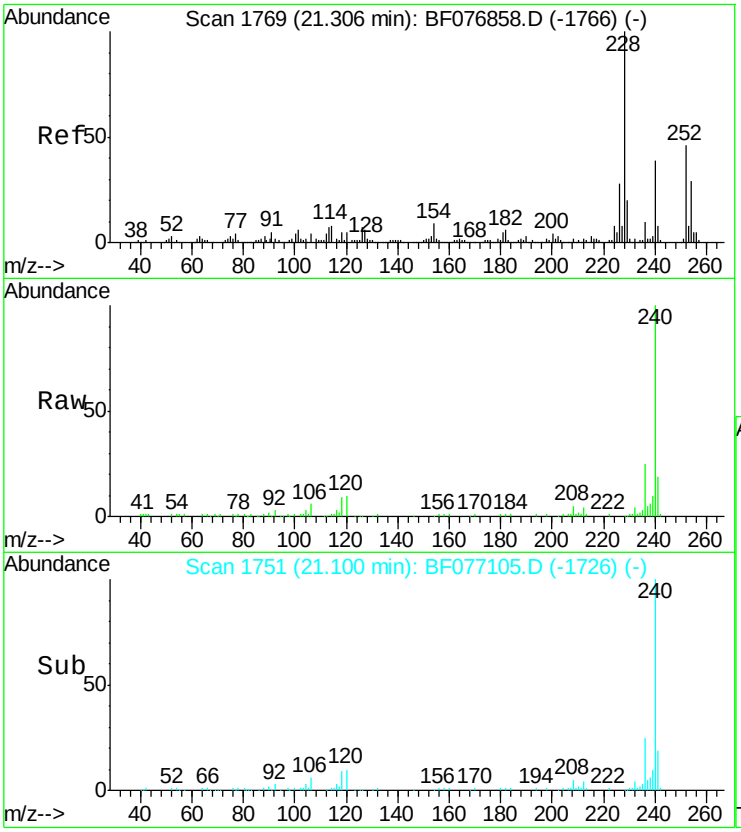


#70
Phenanthrene
Concen: 8.47 ng
RT: 17.63 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:178 Resp: 54076

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	17.9	12.7	19.1



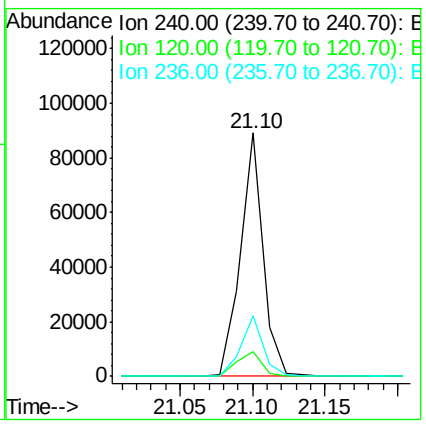


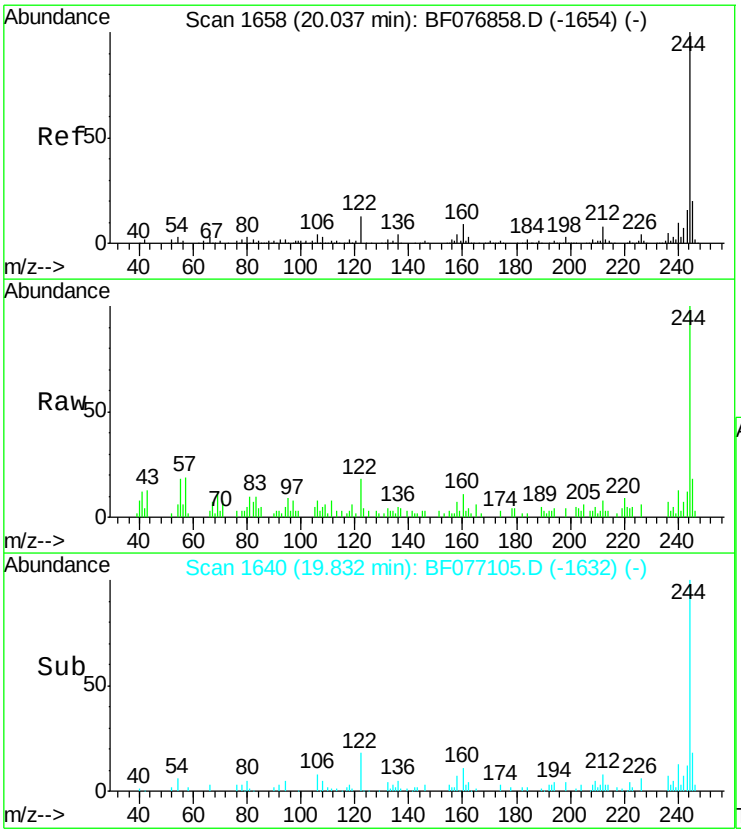
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.10 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion:240 Resp: 96599

Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.4	15.6#
236	25.0	20.2	30.2

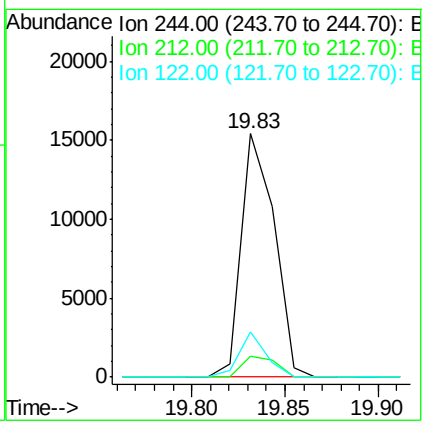


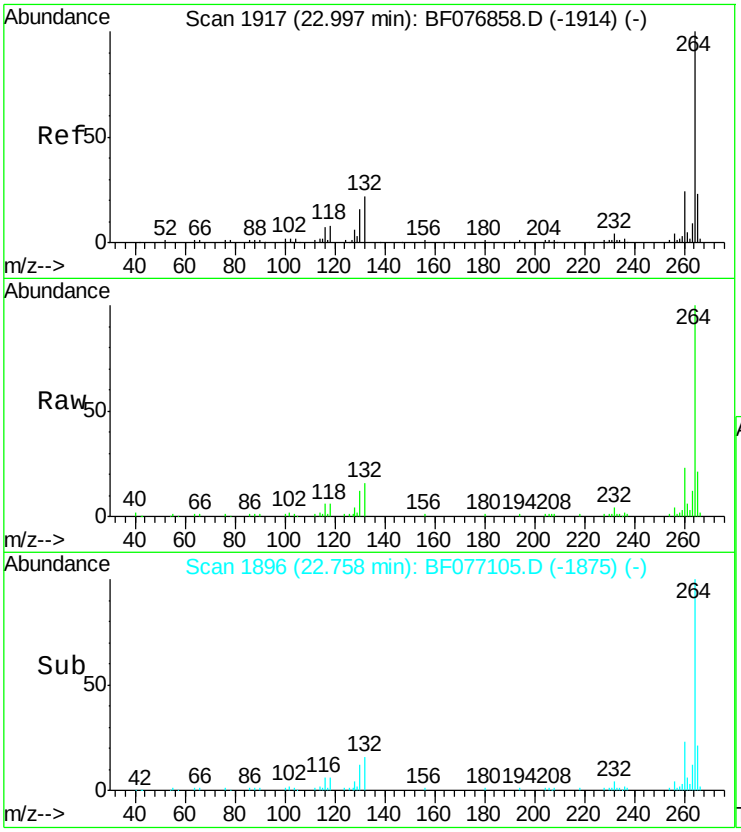


#78
Terphenyl-d14
Concen: 4.52 ng
RT: 19.83 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:244 Resp: 18949

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.3	9.5
122	18.3	10.1	15.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.76 min Scan# 1896
Delta R.T. -0.06 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion:264 Resp: 91936

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	20.9	18.1	27.1